

SUBSTITUTE SPECIFICATION

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Device comprising two hollow profiles which are held together by a connecting screw, and corresponding tool

BACKGROUND OF THE INVENTION

[0001] The invention relates to a device comprising two hollow profiles arranged in a butt-jointed manner approximately at right angles to one another, each of which has a profile channel parallel to its profile longitudinal axis and also, in at least one profile side surface, an undercut longitudinal groove parallel to the profile channel, according to the preamble of the independent claim. The invention furthermore relates to a tool for operating the connecting bolt.

[0002] Document DE 201 06 561 discloses a device for connecting a first profile bar to a second profile bar which bears with a front face against a longitudinal side of the first profile bar. These profile bars are provided with undercut longitudinal grooves along their longitudinal sides and contain a clamping screw with a screw head and a threaded shaft which can be fixed in the region of the screw head in the undercut longitudinal groove of the first profile bar and can be screwed with its threaded shaft into a longitudinal bore formed in the second profile bar. Said screw head has, on a disc-shaped collar, a tothing which can be brought into active connection with a turning tool. The turning tool is a bar with a tothing integrally formed in an axis-parallel manner at one of its ends, which tothing can be brought into contact with the tothing on the collar.

[0003] Another device is described in EP 0 136 431 A2. Two hollow profiles of square cross section with a central profile channel and a longitudinal groove running centrally in each profile side surface are connected by means of a commercially available screw. The latter passes through an